

APPLICATION FOR PERMIT

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

SURFACE WATER GROUND WATER

\$10.00 MINIMUM STATUTORY EXAMINATION FEE REQUIRED WITH APPLICATION

(GRAY BOXES FOR OFFICE USE ONLY)

FEE PAID

#10.00

RECEIVED

OCT 04 1994

DEPT. OF ECOLOGY

APPLICATION NO. <i>SI-27546</i>	W.R.I.A. <i>H</i>	COUNTY <i>King/Whatcom</i>	PRIORITY DATE <i>9/27/94</i>	TIME	ACCEPTED <i>SB</i>
APPLICANT'S NAME - PLEASE PRINT <i>City of Seattle, City Light Department</i>					Bus. Tel. (206) 386-4530
ADDRESS (STREET) <i>1015 Third Avenue</i>					(CITY) <i>Seattle</i>
ADDRESS (STREET) <i>1015 Third Avenue</i>					(STATE) <i>Washington</i>
ADDRESS (STREET) <i>1015 Third Avenue</i>					(ZIP CODE) <i>98104</i>

DATE & PLACE OF INCORPORATION IF APPLICANT IS A CORPORATION
NA (municipal incorporation)

1. SOURCE OF SUPPLY

IF SURFACE WATER	IF GROUND WATER
SOURCE (NAME OF STREAM, LAKE, SPRING, ETC.) (IF UNNAMED, SO STATE) <i>Skagit River and its tributaries</i>	SOURCE (WELL, TUNNEL, INFILTRATION TRENCH, ETC.)
TRIBUTARY	SIZE AND DEPTH

2. USE

USE TO WHICH WATER IS TO BE APPLIED (DOMESTIC SUPPLY, IRRIGATION, MINING, MANUFACTURING, ETC.)
Power Generation - year round as needed

ENTER QUANTITY OF WATER REQUESTED USING UNITS OF: <i>6,500 additional (16,000 total)*</i>	CUBIC FEET PER SECOND (CFS) OR GALLONS PER MINUTE (GPM)	ACRE FEET PER YEAR
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* Please see additional information, attached

TIMES DURING YEAR WATER WILL BE REQUIRED
all times

IF IRRIGATION, NUMBER OF ACRES	IF DOMESTIC USE, NUMBER OF UNITS BY TYPE, E.G. 1-HOME, 1-MOBILE HOME, 2-CAMPSITES, ETC.	IF MUNICIPAL USE, ESTIMATED POPULATION 20 YEARS FROM TODAY
DATE PROJECT WAS OR WILL BE STARTED	DATE PROJECT WAS OR WILL BE COMPLETED	

3. LOCATION OF POINT OF DIVERSION/WITHDRAWAL

3A. IF IN PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)	SECTION	TOWN	RANGE	ALSO, PLEASE ENCLOSE A COPY OF THE PLAT AND MARK THE POINT(S) OF WITHDRAWAL OR DIVERSION
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3B. IF NOT IN PLATTED PROPERTY

ON ACCOMPANYING SECTION MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION, SHOW NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER OR PROPERTY CORNER

ALSO, ENTER BELOW THE DISTANCES FROM THE NEAREST SECTION OR PROPERTY CORNER TO THE DIVERSION OR WITHDRAWAL
500 ft south of NE corner of NW quarter of SE quarter of Sec 35, T38N, R13E

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) <i>NW quarter of SE quarter and NE quarter of SE quarter</i>	SECTION <i>35</i>	TOWNSHIP N. <i>38</i>	RANGE (E. OR W.) W.M. <i>13E</i>	COUNTY <i>Whatcom</i>
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4. DO YOU OWN THE LAND ON WHICH THIS SOURCE IS LOCATED. IF NOT, INSERT NAME & ADDRESS OF OWNER
NO; U. S. Department of Interior

5. LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

ATTACH A COPY OF THE LEGAL DESCRIPTION OF THE PROPERTY (ON WHICH THE WATER WILL BE USED) TAKEN FROM A REAL ESTATE CONTRACT, PROPERTY DEED OR TITLE INSURANCE POLICY. OR, COPY CAREFULLY IN THE SPACE BELOW.

The southeast quarter of Section 35, Township 38 North, Range 13 East, W.M., Whatcom County, Washington. All water is returned to the Skagit River at Ross Powerhouse.

WHAT IS YOUR INTEREST IN THE PROPERTY ON WHICH THE WATER IS TO BE USED (PROPERTY OWNER, LESSEE, CONTRACT PURCHASER, ETC.)

Licensee under FERC License for Skagit River Project No. 553

ARE THERE ANY EXISTING WATER RIGHTS RELATED TO THE LAND ON WHICH THE WATER IS TO BE USED (INCLUDING WATER PROVIDED BY IRRIGATION DISTRICTS OR DITCH COMPANIES.)

YES NO

IF YES, FROM WHAT SOURCE (i.e. SURFACE OR GROUND WATER) AND UNDER WHAT AUTHORITY

Surface water; Washington State Dept. Ecology Permits No. R-135, 181 and 13280.

DESCRIPTION OF SYSTEM PROPOSED OR INSTALLED

FOR EXAMPLE: SIZE OF PUMP, CAPACITY OF PUMP, PUMP MOTOR HORSE POWER, PIPE DIAMETER, NUMBER OF SPRINKLERS, ETC.

The existing Ross Project consists of a concrete arch type dam 540 ft high from bedrock to roadway surface with two concrete lined spillways. There are two concrete lined power tunnels 24.5 ft in diameter which each divide into two steel penstocks. The mean distance from intake portal to Ross Powerhouse is approximately 1900 ft. The Powerhouse includes four vertical turbines and four generators rated at 100,000 kVA at 0.9 power factor. Maximum pool level is 1602.5 ft and maximum plant capability at that elevation is 450,000 kW.

REMARKS

Please see attached additional information.

COMPLETE THIS SECTION ONLY IF THIS APPLICATION INCLUDES IRRIGATION AS A USE

IN ORDER TO IMPLEMENT THE PROVISIONS OF INITIATIVE MEASURE NUMBER 59, THE FAMILY FARM WATER ACT WHICH WAS PASSED BY THE VOTERS ON NOVEMBER 3, 1977, WE MUST ASK THE FOLLOWING QUESTIONS:

DOES THE TOTAL NUMBER OF ACRES IN WHICH YOU HAVE CONTROLLING INTEREST IN THE STATE OF WASHINGTON EXCEED 2000 ACRES FOR THE FOLLOWING THREE CATEGORIES:

- 1. LANDS THAT ARE BEING IRRIGATED UNDER WATER RIGHTS ACQUIRED AFTER DECEMBER 8, 1977. YES NO
2. LANDS THAT MAY BE IRRIGATED UNDER APPLICATIONS NOW ON FILE WITH THE DEPARTMENT OF ECOLOGY. YES NO
3. LANDS THAT MAY BE IRRIGATED UNDER THIS APPLICATION. YES NO

IF 10 ACRE-FEET OR MORE OF WATER IS TO BE STORED AND/OR IF THE WATER DEPTH WILL BE 10 FEET OR MORE AT THE DEEPEST POINT, A STORAGE PERMIT MUST BE FILED IN ADDITION TO THIS PERMIT. THESE FORMS CAN BE SECURED, TOGETHER WITH INSTRUCTIONS, FROM THE DEPARTMENT OF ECOLOGY.

SIGNATURES

Paula Green (handwritten signature)

APPLICANT'S SIGNATURE Paula Green, Acting Director, Power Management

Authorized under FERC license No. 553

LEGAL LANDOWNER'S SIGNATURE (OWNER OF PROPERTY DESCRIBED IN ITEM NUMBER 5)

U. S. Department of the Interior LEGAL LANDOWNERS NAME (PLEASE PRINT)

LEGAL LANDOWNER'S ADDRESS

FOR OFFICE USE ONLY

STATE OF WASHINGTON }
DEPARTMENT OF ECOLOGY } ss.

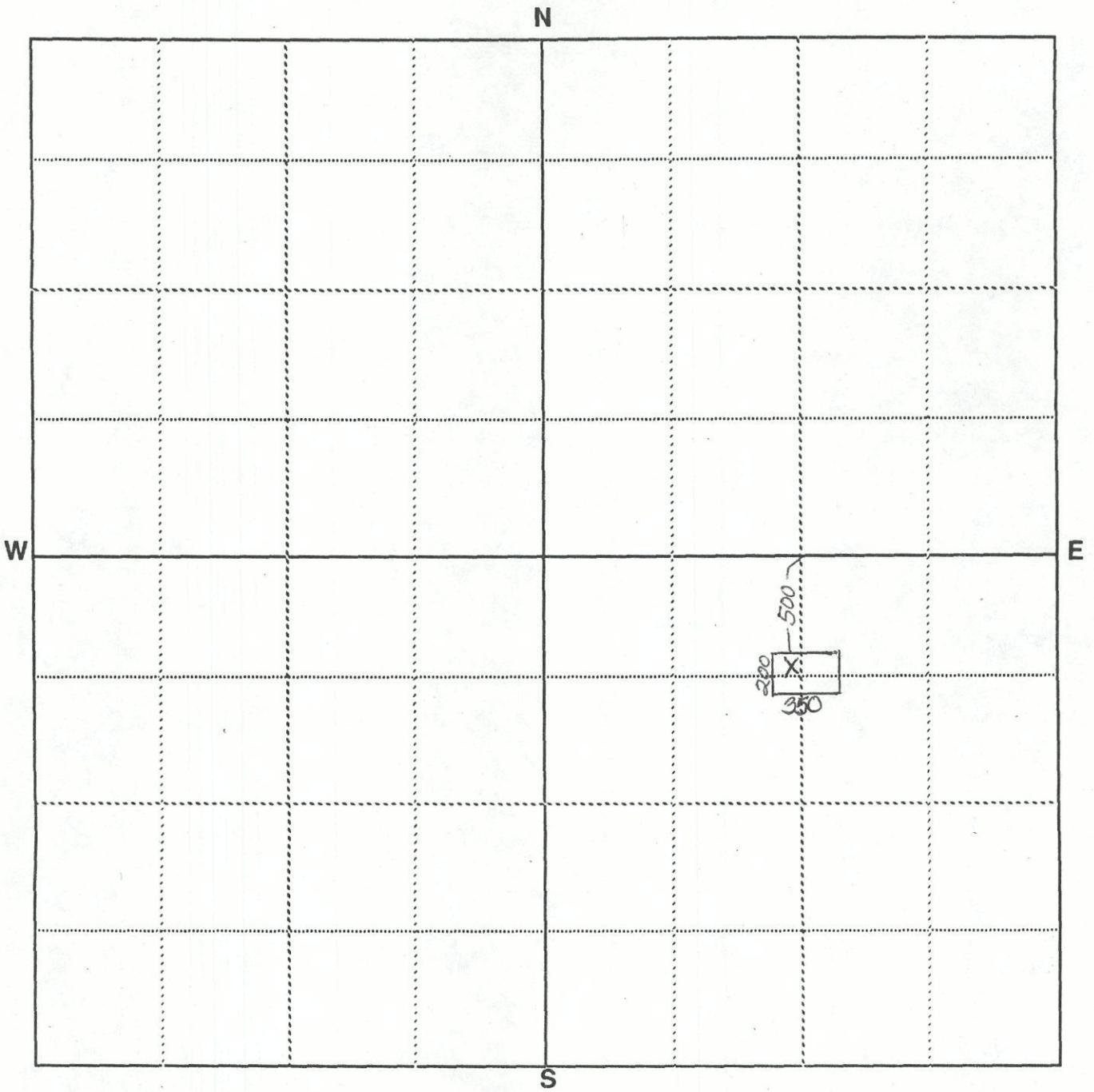
This is to certify that I have examined this application together with the accompanying maps and data, and am returning it for correction or completion as follows:

In order to retain its priority date, this application must be returned to the Department of Ecology, with corrections, on or before, 19

Witness my hand this day of, 19

SECTION MAP

Sec. 35 Twp. 38 N. R. 13E, W. M.



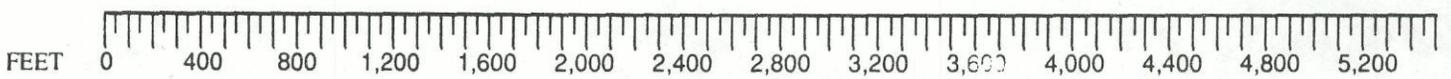
Scale: 1 inch = 800 feet (each small square = 10 acres)

Show by a cross (X) the location of point of diversion (surface water source) or point of withdrawal (ground water source). For ground water applications, show by a circle (O) the locations of other wells or works within a quarter of a mile. Indicate traveling directions from nearest town in space below.

The Ross Project is located in a northeasterly direction from the town of Newhalem, Washington, on State Highway 20. The approximate distance from Newhalem is seven miles via road and five miles via boat on Diablo Lake. It may also be reached via foot trail from Highway 20.

Detach here

Fold along scale



Detach this scale at the performance, fold excess paper under or cut off excess by cutting along the scale line. This scale corresponds to the SECTION MAP above. You can read feet directly from this scale to outline property and locate points of diversion or withdrawal on the SECTION MAP. Enclose this map along with the application and \$10.00 examination fee.